Young-Hyeon Kwag

PTO/SB/01 (09-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Attorney Docket Number

First Named Inventor

DECLARATION FOR UTILITY OR

DESIGN	1 '	1136 14411104 1111011141				
PATENT APPLICA	ATION	COMPLETE IF KNOWN				
(37 CFR 1.63)		Application Number	Not yet known			
Submitted OR Su	eclaration	nternational Filing Date	December 10, 2	003		
	ubmitted after Initial ling (surcharge)	Art Unit	Not yet known			
Filing (3		Examiner Name	Not yet known			
I hereby declare that:		and a state of balance part to the	neir name			
Each inventor's residence, mailing a				-i ad and for		
I believe the inventor(s) named belowhich a patent is sought on the inve	ow to be the original and fention entitled:	irst inventor(s) of the subject	t matter which is ci	aimed and ioi		
MICROORGANISM PRODUC	ING 5'-XANTHYLIC A	ACID				
			_	·		
(Title of the Invention)						
the specification of which						
is attached hereto						
OR was filed on (MM/DD/YYYY) 12/10/2003 as United States Application Number or PCT International						
Application Number PCT/KR03/002704 and was amended on (MM/DD/YYYY) (if applicable).						
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.						
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-Inpart applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application						
on which priority is claimed. Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO		
PCT/KR2003/002704	wo	12/10/2003				
√10-2002-0078694	KR	12/11/2002				
				h h		
U. J. L.						
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02/B attached hereto.						

[Page 1 of 4]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/01 (09-04)

Approved for use through 07/31/2006. OMB 0551-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION – Utility or Design Patent Application

State ZIP	Direct all The address associated with Customer Number	C	27128			OR		Correspondence address below
Address 720 Olive Street, Suite 2400 City St. Louis MO 63101 Country Telephone St. Louis MO 63101 Telephone St. Louis St. Louis Telephone St. Louis Telephone St. Louis St. Louis St. Louis Telephone St. Louis St. Lou								
720 Olive Street, Suite 2400 City St. Louis Telephone US 114-345-6000 Telephone St. Louis Telephone St. Louis St. Loui								
St. Louis St. Louis St. Louis Country US 314-345-6000 314-345-6000 314-345-6000 314-345-6000 Inserby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the files so made are purishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may pepartize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: Given Name (first and middle [if any]) Residence: City State Country State Country Citizenship KR Residences: City State Country Citizenship KR NAME OF SECOND INVENTOR: Gyeonggi-do A petition has been filed for this unsigned inventor Family Name Or Surname KRR April 14 - vo3 Residence: City State Country Citizenship KR NAME OF SECOND INVENTOR: Gyeonggi-do A petition has been filed for this unsigned inventor City State ZIP Country KR NAME OF SECOND INVENTOR: Given Name (first and middle [if any]) Family Name Or Surname Ki-Hoon Inventor's Signature Date April 14 - vo5 Residence: City State Country KR Country KR Country Citizenship KR Country Citizenship KR Country Citizenship KR Country KR Country Citizenship KR Country Citizenship KR Country Citizenship Cheon-si City State Country Citizenship Cheon-si City State Country Citizenship	Address							•
St. Louis Country Telephone 314-345-6000 314-345-6060 Apolition for any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: Given Name (first and middle [if any]) A petition has been filed for this unsigned inventor Family Name Or Surname Apolition has been filed for this unsigned inventor Citizanship Country Country								710
Telephone 314-345-6000 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: Given Name (first and middle [if any]) A petition has been filed for this unsigned inventor Family Name Or Surname Kwag Date April 14 xoo3 Residence: City State Country Citizenship KR Malling Address 205-ho Domitory for man, San 34, Dukpyeong-ri, Majang-myeon City Icheon-si Residence: City A petition has been filed for this unsigned inventor City State ZIP Country KR A petition has been filed for this unsigned inventor Country Coun	City			State				ZIP
Sala-345-6000 Sala-345-6060 Sala-345-606	St. Louis			МО)			63101
Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements and the like so willful false statements and the like so. NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor Family Name Or Surname Name of Surname	Country	Teleph	none		_			Fax
are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: Given Name (first and middle [if any]) A petition has been filed for this unsigned inventor Family Name Or Surname Kwag Date April 14 > 203 Residence: City State Country Citizenship Gyeonggi-do KR KQX KR NAME OF SECOND INVENTOR: Given Name (first and middle [if any]) Ki-Hoon Inventor's Signature A petition has been filed for this unsigned inventor City State ZIP Country KR A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name Or Surname Country Ki-Hoon Residence: City State Country Citizenship KR A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Ki-Hoon Residence: City State Country Citizenship Country	us	314-	345-6000					314-345-6060
NAME OF SOLE OR FIRST INVENTOR: Given Name (first and middle [if any]) Young-Hyeon Inventor's Signature Kwag Inventor's Signature Kwag Residence: City Icheon-si Residences: City State Gyeonggi-do KR A petition has been filed for this unsigned inventor Kwag Date April 14 > 2003 KR KPX KR Country Citizenship KR KPX KR Country Country Country Icheon-si A petition has been filed for this unsigned inventor Gyeonggi-do A petition has been filed for this unsigned inventor Family Name Or Surname A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name Or Surname A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Ki-Hoon Inventor's Signature April 14 > 2005 Residence: City Country KR Mailing Address Date April 14 > 2005 KR Mailing Address Dukpyeong1-2-ri, Majang-myeon City State ZIP Country KR KR KR KR KR KR KR KR KR K	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the							
Name of Second Inventor's Signature State Country Citizenship								
Inventor's Signature Residence: City	Given Name (first and middle [if any])			Fami	ly Name O	r Surname		
Residence: City Country Citizenship	Young-Hyeon			Kwa	ıg			
Residence: City Icheon-si Mailing Address 205-ho Domitory for man, San 34, Dukpyeong-ri, Majang-myeon City Icheon-si NAME OF SECOND INVENTOR: Given Name (first and middle [if any]) Residence: City Residence: City Residence: City State Country State Country Ki-Hoon Inventor's Signature Residence: City State Country Citizenship KR Country KR Country KR A petition has been filed for this unsigned inventor Family Name Or Surname April 14, 205 Residence: City Cheon-si Mailing Address Dukpyeong1-2-ri, Majang-myeon City Icheon-si Gyeonggi-do State ZIP Country KR KR Country Citizenship KR KR Country Citizenship KR KR KR Country Citizenship KR KR KR KR KR KR KR KR KR K	Inventor's Signature / / Date							
Mailing Address 205-ho Domitory for man, San 34, Dukpyeong-ri, Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name Or Surname Ki-Hoon Oh Inventor's Signature April 14 2007 Residence: City State Country Citizenship Icheon-si Gyeonggi-do KR KR Mailing Address Dukpyeong1-2-ri, Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do KR KR Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR	Residence: City	ľ	State	Ī	Country			Citizenship
Mailing Address 205-ho Domitory for man, San 34, Dukpyeong-ri, Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name Or Surname Ki-Hoon Oh Inventor's Signature April 14 2007 Residence: City State Country Citizenship Icheon-si Gyeonggi-do KR KR Mailing Address Dukpyeong1-2-ri, Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do KR KR Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR	lcheon-si₋		Gyeonggi-do		KR	KRX		KR
State ZIP Country								
State ZIP Country	205-ho Domitory for man. San 34. Dukpyeo	na-ri.	. Maiang-mye	on				
NAME OF SECOND INVENTOR: Given Name (first and middle [if any]) Ki-Hoon Inventor's Signature Residence: City Icheon-si Mailing Address Dukpyeong1-2-ri, Majang-myeon City Icheon-si Gyeonggi-do State State State Gyeonggi-do State ZIP Country KR					ZIP			Country
NAME OF SECOND INVENTOR: Given Name (first and middle [if any]) Ki-Hoon Inventor's Signature Residence: City Icheon-si Mailing Address Dukpyeong1-2-ri, Majang-myeon City Icheon-si Gyeonggi-do State State State Gyeonggi-do State ZIP Country KR	lchoon-si	1	Gyeonggi-do		467-81	,		KR
Given Name (first and middle [if any]) Ki-Hoon		┰╧	1					
Nation N								
Residence: City Country Citizenship	Given Name (tirst and middle [if any]) Family Name Or Surname							
Residence: City State Country Citizenship	Ki-HoonOh							
Residence: City Icheon-si Gyeonggi-do KR KR Mailing Address Dukpyeong1-2-ri, Majang-myeon City State ZIP Country KR Country KR KR KR KR	Inventor's Signature April 14 2007							
Mailing Address Dukpyeong1-2-ri, Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR			State		Country			Citizenship
Mailing Address Dukpyeong1-2-ri, Majang-myeon City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR	Icheon-si		_Gyeonggi-do		KR	KRQ.		KR
City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR								
City State ZIP Country Icheon-si Gyeonggi-do 467-812 KR								
			State		ZIP			Country
	Icheon-si	- 1	Gyeonggi-do		467-812	!		KR
		ing nam					2A or (02LR attached hereto.

[Page 2 of 4]

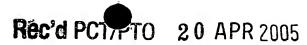
2-00

PTO/SB/02A (09-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	DECLARATION			ONAL INVENTOR(S) mental Sheet	Page <u>3</u> of <u>4</u>			
,								
ا ده	Name of Additional Joint Inventor, if any:		A petition has been filed for this unsigned inventor					
0	Given Name (first and middle [if any])		Family N	Name or Sumame				
	Jeong-Hwan		Kim					
	Inventor's Kim Jeonghwan				Date 1917 14, 2005			
	Residence: City <u>Songpa-gu</u>	State <u>Sec</u>	ш_	Country KR	Citizenship KR			
i	Mailing Address 2-303 Kukdong Apt., Gara	k 2-dong						
	City Songpa-gu	State Seou	11	ZIP 138-743	Country KR			
	Name of Additional Joint Inventor, if any:		A petition has been filed for this		his unsigned inventor			
	Given Name (first and middle [if any])			Family Nar	ne or Surname			
1-00	Yoon-Suk			Oh				
	Inventor's Signature Joonsuk Oh Date April 14,2003							
	Residence: City <u>Yongin-si</u>	State Gye	onggi-do	Country KR	Citizenship KR			
	Mailing Address 101-1501 Tongbo Apt., 703, Pungdukcheon-ri, Suji-eup							
	City Yongin-si	State Gye	onggi-do	ZIP 449-846	Country KR			
	Name of Additional Joint Inventor, if any:		A petition has been filed for this unsigned inventor					
5-00	Given Name (first and middle [if any]) Family Name or Surname				me or Surname			
	Jae-lck		Sim					
	Inventor's Signature	aeik	· <u> </u>		Date April 14,2005			
	Residence: City <u>Icheon-si</u>	State Gye	onggi-d	o Country KR	Citizenship KR			
	Mailing Address 205-1604 Seongyeong 2	cha Apt., Jeu	ngpo-do	ong				
	City Icheon-si	State Gye			Country KR			
	This self-sties of information is required by 25 H.C.C. 115 o	07 OFD 4 CO	Th - !- (ation is required to obtain	or retain a benefit by the public which is			

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



The state of the s

PTO/SB/02A (09-04)
Approved for use through 07/31/2006. OMB 0551-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ADDITIONAL INVENTOR(S) DECLARATION Supplemental Sheet Page 4 of 4 Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Young-Hoon_ Park Inventor's hoon Date Signature eQ Residence: City Seongnam-si State Gyeonggi-do Country KR Citizenship KR **Mailing Address** 111-102 Mujigaedaerim Apt., Gumi-dong, Bundang-gu ZIP 463-703 State Gyeonggi-do Country_KR City Seongnam-si Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Family Name or Surname Given Name (first and middle [if any]) Jea-Young Chang inventor's Signature PX KR Citizenship KR State Gyeonggi-do Country Residence: City Anyang-si-101-1701 Samick Apt., 766-4, Hogye-dong, Dongan-gu **Mailing Address** City Anyang-si State Gyeonggi-do ZIP 431-080 Country KR Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Inventor's Signature Date Citizenship Residence: City State Country **Mailing Address** ZIP City State Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.